

**Novel nucleotide sequences coding for the gpm gene****Abstract**

5 The invention relates to an isolated polynucleotide which contains a polynucleotide sequence selected from the group comprising:

10 a) a polynucleotide which is at least 70% identical to a polynucleotide coding for a polypeptide containing the amino acid sequence of SEQ ID NO:2,

15 b) a polynucleotide coding for a polypeptide containing an amino acid sequence which is at least 70% identical to the amino acid sequence of SEQ ID NO:2,

c) a polynucleotide which is complementary to the polynucleotides of a) or b), and

20 d) a polynucleotide containing at least 15 consecutive bases of the polynucleotide sequence of a), b) or c),

and to fermentation processes for the preparation of L-amino acids with amplification of the gpm gene.

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